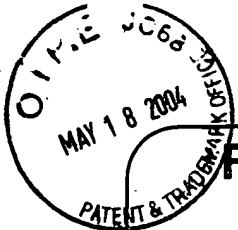
PTO/SB/21 (08-03) **IFW**

|  |                        |                  |
|--|------------------------|------------------|
| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> | Application Number     | 10/650,338       |
|  | Filing Date            | August 27, 2003  |
|  | First Named Inventor   | Hirakawa, Yusuke |
|  | Art Unit               | 2171             |
| Examiner Name  |                        |                  |
| Total Number of Pages in This Submission   | Attorney Docket Number | 16869P-090100US  |

| ENCLOSURES (Check all that apply)   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input checked="" type="checkbox"/> Petition-In Duplicate<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Copy of Letter from Mattingly<br>Copies of References<br>Return Postcard |
| Remarks   |  | The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |  |
|--|--|
| Firm or Individual                         | Townsend and Townsend and Crew LLP<br>Steve Y. Cho Reg. No. 44,612 |
| Signature                                  |  |
| Date                                       | 5/14/04  |

| CERTIFICATE OF TRANSMISSION/MAILING   |                |      |         |
|---|----------------|------|---------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |                |      |         |
| Typed or printed name   | Andrea S. Beck |      |         |
| Signature   |                | Date | 5/14/04 |

**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 270**Complete if Known**

|                      |                  |
|----------------------|------------------|
| Application Number   | 10/650,338       |
| Filing Date          | August 27, 2003  |
| First Named Inventor | Hirakawa, Yusuke |
| Examiner Name        |                  |
| Art Unit             | 2171             |
| Attorney Docket No.  | 16869P-090100US  |

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description                | Fee Paid |
|--------------|--------------|----------|----------|--------------------------------|----------|
|              |              | 1001     | 770      | 2001 385 Utility filing fee    |          |
|              |              | 1002     | 340      | 2002 170 Design filing fee     |          |
|              |              | 1003     | 530      | 2003 265 Plant filing fee      |          |
|              |              | 1004     | 770      | 2004 385 Reissue filing fee    |          |
|              |              | 1005     | 160      | 2005 80 Provisional filing fee |          |

**SUBTOTAL (1)**

(\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 42                 | -39** = 3    | X\$18 =        | \$54     |
| Independent Claims | 4            | -3** = 1       | X\$86 =  |
| Multiple Dependent |              | X              |          |

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description   |
|--------------|--------------|----------|----------|---|
|              |              | 1202     | 18       | 2202 9 Claims in excess of 20                                     |
|              |              | 1201     | 86       | 2201 43 Independent claims in excess of 3                         |
|              |              | 1203     | 290      | 2203 145 Multiple dependent claim, if not paid                    |
|              |              | 1204     | 86       | 2204 43 ** Reissue independent claims over original patent        |
|              |              | 1205     | 18       | 2205 9 ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

(\$140)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large    | Entity   | Small    | Entity   | Fee Description  | Fee Paid |
|----------|----------|----------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |  |          |
| 1051     | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1052     | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053     | 130      | 1053     | 130      | Non-English specification  |          |
| 1812     | 2,520    | 1812     | 2,520    | For filing a request for reexamination                                     |          |
| 1804     | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805     | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251     | 110      | 2251     | 55       | Extension for reply within first month                                     |          |
| 1252     | 420      | 2252     | 210      | Extension for reply within second month                                    |          |
| 1253     | 950      | 2253     | 475      | Extension for reply within third month                                     |          |
| 1254     | 1,480    | 2254     | 740      | Extension for reply within fourth month                                    |          |
| 1255     | 2,010    | 2255     | 1,005    | Extension for reply within fifth month                                     |          |
| 1401     | 330      | 2401     | 165      | Notice of Appeal   |          |
| 1402     | 330      | 2402     | 165      | Filing a brief in support of an appeal                                     |          |
| 1403     | 290      | 2403     | 145      | Request for oral hearing   |          |
| 1451     | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452     | 110      | 2452     | 55       | Petition to revive - unavoidable   |          |
| 1453     | 1,330    | 2453     | 665      | Petition to revive - unintentional   |          |
| 1501     | 1,330    | 2501     | 665      | Utility issue fee (or reissue)   |          |
| 1502     | 480      | 2502     | 240      | Design issue fee   |          |
| 1503     | 640      | 2503     | 320      | Plant issue fee  |          |
| 1460     | 130      | 1460     | 130      | Petitions to the Commissioner  | 130      |
| 1807     | 50       | 1807     | 50       | Petitions related to provisional applications                              |          |
| 1806     | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021     | 40       | 8021     | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809     | 770      | 2809     | 385      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810     | 770      | 2810     | 385      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801     | 770      | 2801     | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802     | 900      | 1802     | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)**

(\$130)

**SUBMITTED BY****Complete (if applicable)**

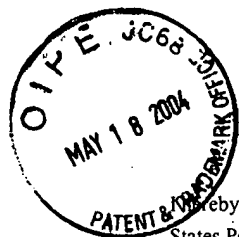
|                   |              |                                   |        |           |              |
|-------------------|--------------|-----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Steve Y. Cho | Registration No. (Attorney/Agent) | 44,612 | Telephone | 650-326-2400 |
|-------------------|--------------|-----------------------------------|--------|-----------|--------------|

Signature

Date

5/14/04

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

PATENT  
Attorney Docket No.: 16869P-090100US  
Client Ref. No.: 340300933US1

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On May 14, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: 

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Yusuke Hirakawa

Application No.: 10/650,338

Filed: August 27, 2003

For: STORAGE SYSTEM

Customer No.: 20350

Confirmation No. 6839

Examiner:

Technology Center/Art Unit: 2171

PRELIMINARY AMENDMENT

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.

05/19/2004 LWONDIM1 00000008 201430 10650338

01 FC:1202 54.00 DA  
02 FC:1201 86.00 DA